

IV. VEHICLE DATA

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This section contains vehicle and crash information, including:

- Bicycle Crashes
- Damage to Vehicle
- Highway Class and Vehicle Crashes
- Motorcycle Crashes
- Pedestrian Information
- Plate Types and Crashes
- School Bus Crashes
- Trailer Crashes
- Vehicle Types and Crashes

Units Involved in Crashes by Vehicle Type and Crash Severity

Type of Vehicle	Crash Severity			TOTAL	Percent of Total
	Fatal	Injury	Property Damage		
Passenger car	737	54,878	106,339	161,954	75.35
Utility truck	218	9,818	23,592	33,628	15.65
Straight truck (insert truck)	54	1,252	3,099	4,405	2.05
Truck tractor (semi attached)	59	977	3,048	4,084	1.90
Motorcycle	81	1,846	320	2,247	1.05
Bicycle	9	1,117	51	1,177	0.55
Pupil transportation / school bus	3	210	434	647	0.30
Passenger bus	2	172	224	398	0.19
Police on emergency	0	53	73	126	0.06
Farm tractor (self-propelled)	3	68	130	201	0.09
Snow plow	0	36	108	144	0.07
Truck tractor (not attached)	1	12	20	33	0.02
Truck tractor (double bottom)	0	0	9	9	0.00
Motor home	1	23	75	99	0.05
Ambulance on emergency	0	3	12	15	0.01
Fire truck on emergency	0	3	10	13	0.01
Moped	5	96	2	103	0.05
Other working machine	1	21	59	81	0.04
Railway train	5	37	36	78	0.04
Snowmobile or ATV	1	34	32	67	0.03
Miscellaneous	3	31	25	59	0.03
Fire fighter on emergency	1	3	4	8	0.00
Unknown	10	858	4,489	5,357	2.49
TOTAL UNITS	1,194	71,548	142,191	214,933	100.00

This report counts all units in crashes, except pedestrians. These numbers do not represent crashes. A *fire fighter on emergency* is a fire fighter or emergency medical technician / first responder (paid or volunteer) who is responding to an emergency summons using a vehicle not owned by a fire fighting or emergency agency.

Vehicles in Crashes by Plate Type and Crash Severity

License Plate Type	Crash Severity			TOTAL
	Fatal	Injury	Property Damage	
ABC Annual truck	175	8,567	18,077	26,819
Amateur radio	0	30	49	79
Antique	0	0	1	1
Apportioned vehicle	40	780	2,172	2,992
Auto	676	49,212	86,893	136,781
BX-bus	0	1	1	2
Civilian group	46	3,680	7,351	11,077
Collector - special	0	25	43	68
Collector vehicle	1	75	100	176
Dealer	2	142	223	367
Demonstrator	0	1	0	1
Disabled person	7	422	559	988
Disabled veteran	1	39	57	97
Driver education vehicle	0	2	8	10
Dual purpose farm	6	101	207	314
Dual purpose vehicle	1	25	57	83
Ex-POW	0	10	16	26
Farm - heavy	0	27	34	61
Farm - regular	12	254	535	801
Government	0	16	56	72
Higher education group	0	69	137	206
Hobbyist	0	9	7	16
In transit transporter	0	0	3	3
Insert bus	2	21	32	55
Insert trailer	0	0	1	1
Insert truck	54	1,142	2,760	3,956
In-transit (temp)	0	2	6	8
Lac du Flambeau	1	8	9	18
Manufacturer	0	1	2	3
Menominee nation	2	19	23	44
Military group	2	183	343	528
MNF	0	10	16	26
Mobile home	0	3	6	9
Moped	4	100	1	105
Motor home	1	18	64	83
Motorcycle	79	1,721	262	2,062
Municipal-general	2	328	744	1,074
Municipal-cycle	0	3	3	6
Municipal-official	0	163	411	574
National guard	1	14	23	38
Oneida Nation	0	17	23	40
School bus	3	209	433	645
Special mobile equipment UX	1	9	25	35
Special mobile equipment Z	1	4	26	31
Special Z	0	3	10	13
State owned vehicle	1	41	106	148
Temporary operation	2	188	279	469
Tractor	8	229	694	931
Unknown	63	3,625	19,303	22,991
Total	1,194	71,548	142,191	214,933

This report counts vehicles with license plates in crashes, not crashes. Many of the unknown plate types are a result of hit and run crashes.

Vehicles by Damage Severity and Crash Severity

Vehicle Damage	Crash Severity												Vehicle Total
	Fatal				Injury				Property Damage				
	Towed			Total	Towed			Total	Towed			Total	
	Yes	No	Unk		Yes	No	Unk		Yes	No	Unk		
Very severe	634	3	14	651	8,289	219	145	8,653	3,125	376	56	3,557	12,861
Severe	193	5	4	202	14,959	1,832	273	17,064	10,797	3,944	201	14,942	32,208
Moderate	103	41	3	147	9,944	13,581	383	23,908	13,324	42,976	563	56,863	80,918
Minor	8	50	2	60	879	9,054	323	10,256	1,844	27,061	398	29,303	39,619
Very minor	2	20	1	23	120	5,072	231	5,423	185	10,451	184	10,820	16,266
None	3	19	0	22	14	2,699	277	2,990	30	3,528	133	3,691	6,703
Unknown	65	14	10	89	900	1,600	754	3,254	785	5,891	16,339	23,015	26,358
TOTAL	1,008	152	34	1,194	35,105	34,057	2,386	71,548	30,090	94,227	17,874	142,191	214,933

The Yes/No categories here represent whether or not the vehicle needed to be towed following the crash. These numbers represent vehicles, not crashes.

Crashes by Total Vehicles and Crash Severity

Total Vehicles	Crash Severity			Total
	Fatal	Injury	Property Damage	
1	384	13,650	39,646	53,680
2	281	22,097	45,392	67,770
3	45	3,159	3,146	6,350
4	7	595	430	1,032
5	4	103	69	176
6	1	18	24	43
7	0	10	5	15
8	0	1	0	1
9	0	0	2	2
10 or more	1	1	1	3
TOTAL	723	39,634	88,715	129,072

This report does not include pedestrians, bicyclists or heavy machinery.

Total Occupants in Vehicles in Crashes by Crash Severity

Occupants in the Vehicle	Crash Severity			Total
	Fatal	Injury	Property Damage	
0	19	1,522	8,918	10,459
1	746	44,598	92,089	137,433
2	263	15,521	25,261	41,045
3	89	4,666	6,906	11,661
4	40	2,124	2,996	5,160
5	10	672	901	1,583
6	6	250	268	524
7	1	80	96	177
8	0	31	25	56
9	0	13	13	26
10-19	0	59	103	162
20-29	1	22	41	64
30-39	0	6	19	25
40-49	0	4	10	14
50 & over	0	5	5	10
TOTAL	1,175	69,573	137,651	208,399

This report does not include pedestrians, bicyclists or occupants of unknown vehicle types.

Passenger Car and Light Truck Crashes by Month and Severity with Total Killed and Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
Jan	49	7	56	1,511	1,701	3,212	4,290	3,884	8,174	5,850	5,592	11,442	51	8	59	2,135	2,405	4,540
Feb	32	10	42	1,141	1,444	2,585	3,169	2,905	6,074	4,342	4,359	8,701	34	10	44	1,610	2,097	3,707
Mar	28	13	41	1,273	1,527	2,800	3,666	3,581	7,247	4,967	5,121	10,088	36	15	51	1,917	2,192	4,109
Apr	36	10	46	1,189	1,801	2,990	2,797	3,108	5,905	4,022	4,919	8,941	39	12	51	1,788	2,651	4,439
May	34	14	48	1,220	1,948	3,168	3,214	3,511	6,725	4,468	5,473	9,941	40	14	54	1,786	2,837	4,623
Jun	54	11	65	1,337	1,969	3,306	3,176	3,428	6,604	4,567	5,408	9,975	58	13	71	2,104	2,880	4,984
Jul	54	9	63	1,460	1,923	3,383	2,868	3,318	6,186	4,382	5,250	9,632	62	9	71	2,300	2,790	5,090
Aug	47	16	63	1,469	2,101	3,570	2,571	3,271	5,842	4,087	5,388	9,475	54	18	72	2,219	3,038	5,257
Sep	54	7	61	1,265	1,979	3,244	2,872	3,312	6,184	4,191	5,298	9,489	58	8	66	1,930	2,920	4,850
Oct	44	12	56	1,319	1,934	3,253	4,710	3,769	8,479	6,073	5,715	11,788	58	14	72	2,010	2,805	4,815
Nov	43	14	57	1,361	1,711	3,072	6,484	3,710	10,194	7,888	5,435	13,323	49	14	63	1,982	2,532	4,514
Dec	57	6	63	1,491	1,727	3,218	4,363	3,809	8,172	5,911	5,542	11,453	61	6	67	2,185	2,477	4,662
TOTAL	532	129	661	16,036	21,765	37,801	44,180	41,606	85,786	60,748	63,500	124,248	600	141	741	23,966	31,624	55,590

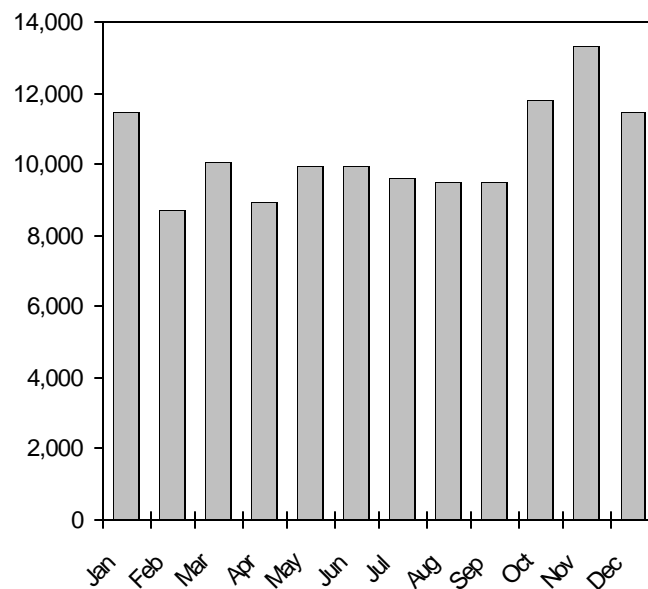
Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

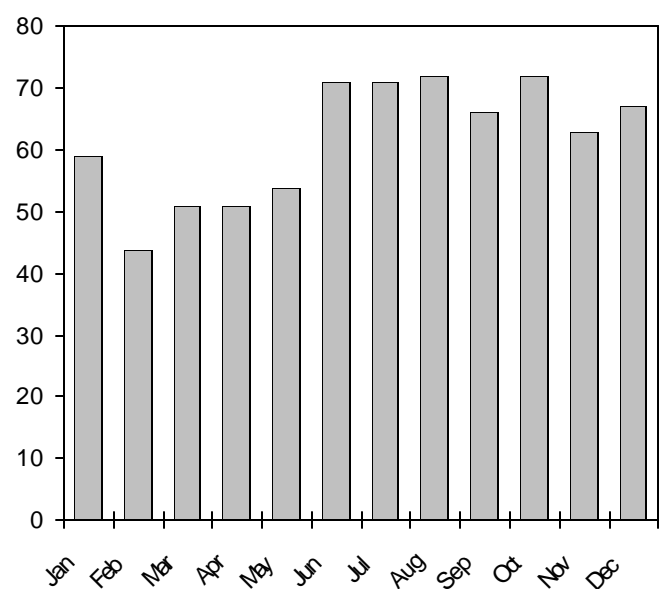
Tot = total

These numbers represent crashes involving at least one passenger car or light truck.

Passenger Car and Light Truck Crashes by Month



Persons Killed in Passenger Car and Light Truck Crashes by Month



Passenger Car and Light Truck Crashes by Manner of Collision and Highway Class by Urban/Rural Location

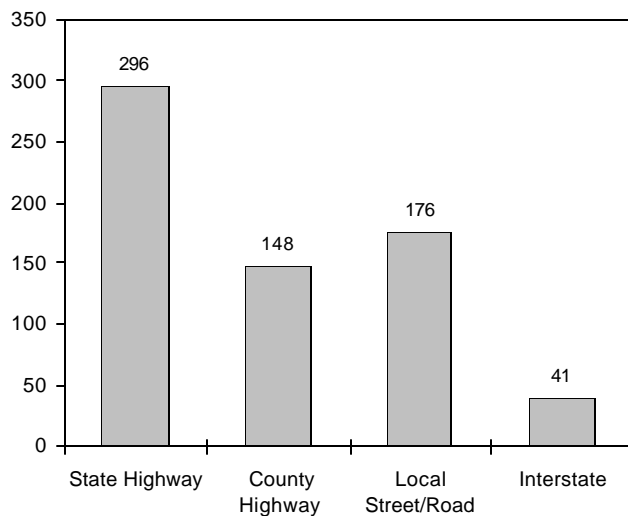
Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	8,278	7,975	16,253	6,969	6,969	8,389	2,076	10,465	1,712	1,194	2,906	25,348	11,245	36,593
Angle	2,693	17,139	19,832	1,548	1,548	3,525	4,869	8,394	91	155	246	7,857	22,163	30,020
Rear end	1,585	10,814	12,399	1,123	1,123	3,895	5,601	9,496	600	2,001	2,601	7,203	18,416	25,619
Side swipe same	694	4,780	5,474	396	396	1,197	1,437	2,634	392	678	1,070	2,679	6,895	9,574
Side swipe opposite	447	1,052	1,499	224	224	483	198	681	16	10	26	1,170	1,260	2,430
Head on	269	908	1,177	138	138	342	207	549	18	30	48	767	1,145	1,912
Rear to rear	52	216	268	10	10	35	65	100	5	17	22	102	298	400
Unknown	2,709	1,385	4,094	4,574	4,574	7,476	575	8,051	863	118	981	15,622	2,078	17,700
TOTAL	16,727	44,269	60,996	14,982	14,982	25,342	15,028	40,370	3,697	4,203	7,900	60,748	63,500	124,248

Rural = an unincorporated area or an incorporated area with a population under 5,000.

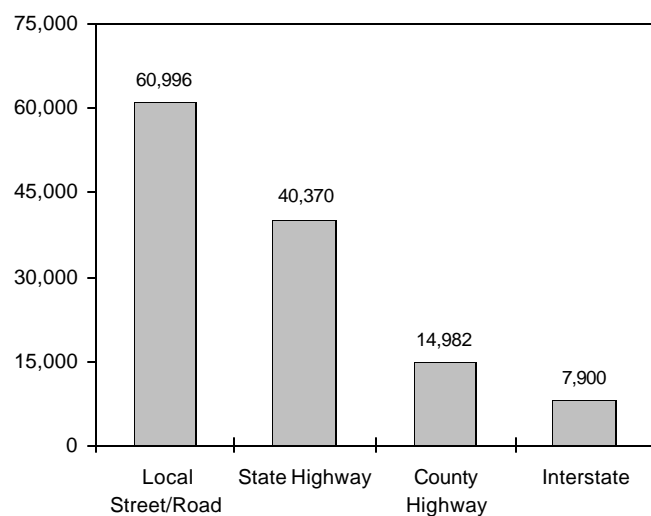
Urban = an incorporated area with a population of 5,000 or more.

Passenger Car and Light Truck Crashes by Highway Class

Fatal Crashes



Total Crashes



Vehicle Possible Contributing Circumstances (PCCs) for Passenger Cars in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Passenger Cars	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	1	0	1	139	268	407	225	431	656	365	699	1,064
Tires	8	1	9	224	100	324	353	207	560	585	308	893
Steering	0	0	0	37	35	72	65	91	156	102	126	228
Other disabled	0	0	0	8	25	33	28	31	59	36	56	92
Head lamps	0	0	0	8	12	20	8	36	44	16	48	64
Disabled in prior crash	0	0	0	19	10	29	12	23	35	31	33	64
Turn signals	0	0	0	5	9	14	29	21	50	34	30	64
Suspension	0	0	0	6	7	13	20	15	35	26	22	48
Stop lamps	0	0	0	5	4	9	13	7	20	18	11	29
Tail lamps	0	0	0	1	3	4	8	5	13	9	8	17
Mirrors	0	0	0	1	2	3	3	6	9	4	8	12
Other	36	0	36	101	144	245	398	385	783	535	529	1,064
TOTAL	45	1	46	554	619	1,173	1,162	1,258	2,420	1,761	1,878	3,639

The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a passenger car in a crash. They do not represent numbers of crashes or drivers. Of the 110,312 crashes involving at least one passenger car, 3,387 (3.0%) had vehicle PCCs cited for a passenger car in the crash. Of the 551 fatal crashes, 12 (2.1%) had passenger car vehicle PCCs cited. Of the 34,544 injury crashes, 1,090 (3.1%) had passenger car vehicle PCCs noted.

Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Passenger Car Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total
Inattentive driving	90	16	106	7,674	1,330	9,004	11,572	2,694	14,266	19,336	4,040	23,376
Failure to yield right of way	95	13	108	7,846	1,165	9,011	11,122	1,888	13,010	19,063	3,066	22,129
Failure to control	179	16	195	5,788	449	6,237	9,420	1,201	10,621	15,387	1,666	17,053
Speed too fast for conditions	99	8	107	3,991	342	4,333	7,341	598	7,939	11,431	948	12,379
Following too closely	5	3	8	3,080	814	3,894	4,911	1,209	6,120	7,996	2,026	10,022
Driver condition	112	9	121	3,113	234	3,347	3,005	353	3,358	6,230	596	6,826
Disregarded traffic control	34	8	42	2,444	382	2,826	2,563	465	3,028	5,041	855	5,896
Improper turn	4	1	5	630	144	774	1,971	673	2,644	2,605	818	3,423
Exceed speed limit	86	6	92	1,457	129	1,586	1,515	190	1,705	3,058	325	3,383
Unsafe backing	0	0	0	195	66	261	1,546	1,109	2,655	1,741	1,175	2,916
Improper overtake	10	7	17	355	114	469	1,068	309	1,377	1,433	430	1,863
Left of Center	62	13	75	692	110	802	722	209	931	1,476	332	1,808
Physically disabled	1	0	1	70	9	79	67	4	71	138	13	151
Other	59	22	81	1,318	263	1,581	2,683	987	3,670	4,060	1,272	5,332
Total	836	122	958	38,653	5,551	44,204	59,506	11,889	71,395	98,995	17,562	116,557

The numbers in this table represent the number of times a given driver PCC was noted as a possible contributing circumstance in a passenger car crash. They do not represent numbers of crashes or drivers. Of the 110,312 crashes involving at least one passenger car, 73,671 (67%) had driver PCCs noted for a passenger car driver in the crash. Of the 551 fatal crashes, 456 (83%) had passenger car driver PCCs noted. Of the 34,544 injury crashes, 27,764 (80%) had passenger car driver PCCs noted.

Vehicle Possible Contributing Circumstances (PCCs) for Light Trucks in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Light Trucks	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	0	0	0	42	53	95	101	84	185	143	137	280
Tires	1	0	1	53	15	68	133	41	174	187	56	243
Turn signals	0	0	0	6	2	8	25	5	30	31	7	38
Steering	0	0	0	6	8	14	18	13	31	24	21	45
Tail lamps	0	0	0	4	1	5	11	2	13	15	3	18
Stop lamps	0	0	0	4	2	6	11	1	12	15	3	18
Suspension	0	0	0	4	1	5	6	2	8	10	3	13
Head lamps	0	0	0	3	2	5	2	3	5	5	5	10
Other disabled	0	0	0	3	4	7	9	7	16	12	11	23
Mirrors	0	0	0	1	0	1	8	6	14	9	6	15
Disabled in prior crash	0	0	0	3	1	4	1	2	3	4	3	7
Other	5	1	6	43	24	67	208	97	305	256	122	378
TOTAL	6	1	7	172	113	285	533	263	796	711	377	1,088

The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a light truck in a crash. They do not represent numbers of crashes. Of the 31,444 crashes involving at least one light truck, 1,032 (3.3%) had vehicle PCCs cited for a light truck in the crash. Of the 195 fatal crashes, 3 (1.5%) had light truck vehicle PCCs cited. Of the 9,084 injury crashes, 268 (2.9%) had light truck vehicle PCCs cited.

Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Light Truck Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total
Inattentive driving	27	9	36	1,596	1,000	2,596	2,522	2,027	4,549	4,145	3,036	7,181
Failure to yield right-of-way	21	27	48	1,164	987	2,151	1,678	1,769	3,447	2,863	2,783	5,646
Failure to control	53	18	71	1,276	374	1,650	2,225	779	3,004	3,554	1,171	4,725
Speed too fast/conditions	28	11	39	988	306	1,294	1,847	555	2,402	2,863	872	3,735
Following too close	2	2	4	613	555	1,168	1,058	990	2,048	1,673	1,547	3,220
Driver condition	40	8	48	870	241	1,111	769	270	1,039	1,679	519	2,198
Disregarded traffic control	6	6	12	363	341	704	376	350	726	745	697	1,442
Unsafe backing	0	0	0	52	17	69	727	339	1,066	779	356	1,135
Improper turn	2	0	2	109	108	217	420	374	794	531	482	1,013
Left of center	19	12	31	180	74	254	213	132	345	412	218	630
Exceeding speed limit	27	4	31	223	110	333	236	120	356	486	234	720
Improper overtake	4	2	6	84	60	144	224	212	436	312	274	586
Physically disabled	1	0	1	18	5	23	10	9	19	29	14	43
Other	12	48	60	239	177	416	515	411	926	766	636	1,402
TOTAL	242	147	389	7,775	4,355	12,130	12,820	8,337	21,157	20,837	12,839	33,676

The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a light truck crash. They do not represent numbers of crashes or drivers. Of the 31,444 crashes involving at least one light truck, 15,495 (49%) had driver PCCs cited for a light truck driver in the crash. Of the 195 fatal crashes, 126 (65%) had light truck driver PCCs cited. Of the 9,084 injury crashes, 5,455 (60%) had light truck driver PCCs cited.

Large Truck Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
January	10	0	10	94	84	178	239	282	521	343	366	709	11	0	11	144	109	253
February	3	0	3	78	70	148	196	189	385	277	259	536	5	0	5	133	97	230
March	7	2	9	104	62	166	234	273	507	345	337	682	8	2	10	157	87	244
April	4	2	6	67	91	158	186	254	440	257	347	604	4	3	7	89	123	212
May	7	4	11	80	88	168	229	301	530	316	393	709	9	4	13	121	115	236
June	6	3	9	91	91	182	230	323	553	327	417	744	6	5	11	146	130	276
July	11	1	12	110	97	207	245	268	513	366	366	732	13	1	14	190	119	309
August	11	2	13	116	89	205	209	297	506	336	388	724	12	2	14	193	119	312
September	3	0	3	87	89	176	211	258	469	301	347	648	3	0	3	134	130	264
October	5	2	7	110	99	209	287	274	561	402	375	777	14	2	16	195	130	325
November	8	1	9	82	84	166	265	264	529	355	349	704	10	1	11	109	128	237
December	9	1	10	82	63	145	193	248	441	284	312	596	11	1	12	115	88	203
TOTAL	84	18	102	1,101	1,007	2,108	2,724	3,231	5,955	3,909	4,256	8,165	106	21	127	1,726	1,375	3,101

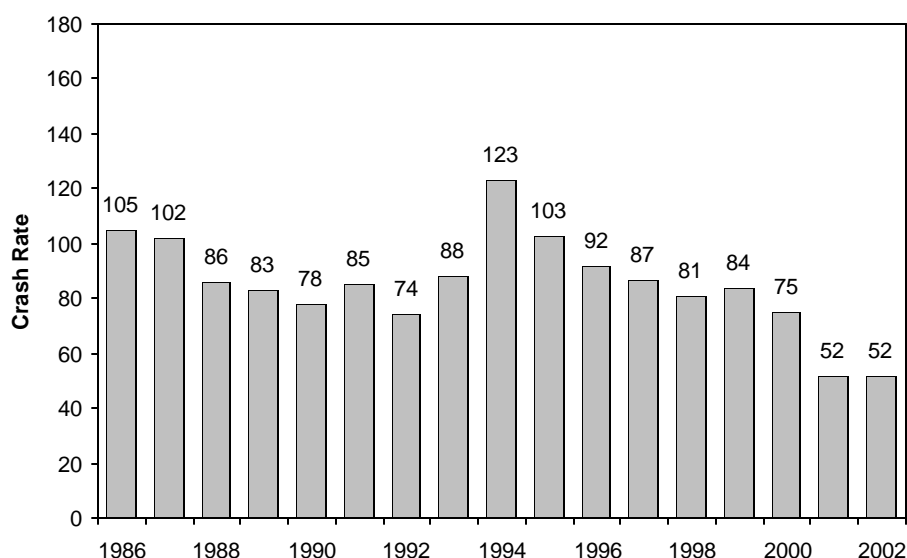
These numbers represent crashes involving at least one large truck.

Large truck = straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Large Truck Crash Rates On Rural Interstate Highways Fifteen Year Summary



Crash rate = large trucks in crashes per 100 million vehicle miles traveled. The Department of Transportation estimated that straight (insert) trucks and truck tractors (not attached, semi attached, double bottom) travelled 5.7 billion vehicle miles in 2002.

Large Truck Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	289	542	831	158	158	496	251	747	248	117	365	1,191	910	2,101
Rear end	132	537	669	88	88	369	364	733	143	196	339	732	1,097	1,829
Side swipe same	98	539	637	47	47	305	285	590	187	264	451	637	1,088	1,725
Angle	187	605	792	153	153	379	292	671	34	36	70	753	933	1,686
Side swipe opposite	63	53	116	29	29	104	22	126	10	4	14	206	79	285
Head on	21	35	56	11	11	52	7	59	6	6	12	90	48	138
Rear to rear	6	14	20	0	0	4	6	10	0	2	2	10	22	32
Unknown	36	42	78	32	32	143	24	167	79	13	92	290	79	369
TOTAL	832	2,367	3,199	518	518	1,852	1,251	3,103	707	638	1,345	3,909	4,256	8,165

Large truck = straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Commercial Motor Vehicle Drivers in Crashes by Age and Crash Severity

Age	Drivers in:			TOTAL
	Fatal Crashes	Injury Crashes	Prop Dmg Crashes	
16	0	1	0	1
17	0	0	1	1
18	0	3	7	10
19	0	5	27	32
20	0	12	36	48
21	0	28	34	62
22	0	24	63	87
23	1	25	66	92
24	2	29	60	91
25-34	18	352	977	1,347
35-44	33	494	1,352	1,879
45-54	20	425	1,202	1,647
55-64	14	234	670	918
65-74	5	54	153	212
75-84	0	7	17	24
85 & over	0	0	0	0
Unknown	2	20	141	163
TOTAL	95	1,713	4,806	6,614

A *Commercial Motor Vehicle Driver* is a person who is operating a vehicle for which a Commercial Drivers License (CDL) is required. Such vehicles are those weighing 26,000 pounds or more, carrying hazardous materials requiring placarding, or designed to carry sixteen or more persons including the driver.

Vehicle Possible Contributing Circumstances (PCCs) for Large Trucks in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Large Trucks	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	1	1	2	30	24	54	41	32	73	72	57	129
Tires	1	1	2	11	5	16	53	17	70	65	23	88
Mirrors	0	0	0	2	1	3	7	14	21	9	15	24
Turn signals	1	0	1	4	1	5	13	3	16	18	4	22
Steering	1	0	1	3	0	3	6	3	9	10	3	13
Head lamps	0	0	0	2	0	2	2	0	2	4	0	4
Stop lamps	0	0	0	2	1	3	6	1	7	8	2	10
Suspension	0	0	0	3	0	3	2	2	4	5	2	7
Other disabled	0	0	0	1	1	2	4	7	11	5	8	13
Tail lamps	0	0	0	1	1	2	4	0	4	5	1	6
Disabled in prior crash	0	0	0	1	0	1	3	1	4	4	1	5
Other	9	1	10	26	19	45	141	114	255	176	134	310
TOTAL	13	3	16	86	53	139	282	194	476	381	250	631

The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a large truck in a crash. They do not represent numbers of crashes. Of the 8,165 crashes involving at least one large truck, 591 (7.2%) had vehicle PCCs cited for a large truck in the crash. Of the 102 fatal crashes, 9 (8.8%) had large truck vehicle PCCs cited. Of the 2,108 injury crashes, 130 (6.2%) had large truck vehicle PCCs cited.

Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Large Truck Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total
Inattentive driving	11	7	18	298	261	559	650	528	1,178	959	796	1,755
Failure to control	10	15	25	219	162	381	424	294	718	653	471	1,124
Failure to yield right-of-way	5	27	32	211	257	468	342	453	795	558	737	1,295
Speed too fast/conditions	3	10	13	145	135	280	236	232	468	384	377	761
Improper turn	0	0	0	49	26	75	513	110	623	562	136	698
Following too close	1	2	3	180	77	257	279	195	474	460	274	734
Unsafe backing	0	0	0	22	2	24	358	53	411	380	55	435
Improper overtake	2	3	5	32	50	82	93	184	277	127	237	364
Disregarded traffic control	5	6	11	67	77	144	72	60	132	144	143	287
Driver condition	2	5	7	32	83	115	41	80	121	75	168	243
Left of center	4	11	15	22	52	74	39	41	80	65	104	169
Exceeding speed limit	4	1	5	17	49	66	32	33	65	53	83	136
Physically disabled	0	0	0	4	2	6	3	1	4	7	3	10
Other	9	46	55	91	82	173	443	234	677	543	362	905
TOTAL	56	133	189	1,389	1,315	2,704	3,525	2,498	6,023	4,970	3,946	8,916

The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a large truck crash. They do not represent numbers of crashes or drivers. Of the 8,165 crashes involving at least one large truck, 4,153 (51%) had driver PCCs cited for a large truck driver in the crash. Of the 102 fatal crashes, 36 (35%) had large truck driver PCCs cited. Of the 2,108 injury crashes, 1,089 (52%) had large truck driver PCCs cited.

Large Truck = straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

Motorcycle Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

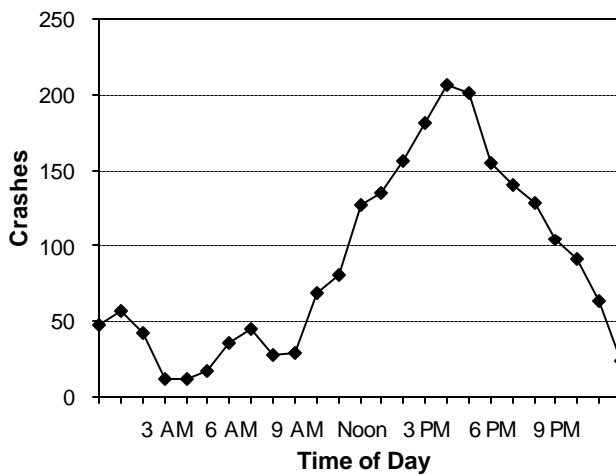
Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	1	0	1	1	5	6	2	1	3	4	6	10	1	0	1	2	6	8
Feb	0	0	0	3	5	8	0	4	4	3	9	12	0	0	0	5	7	12
Mar	0	0	0	9	15	24	1	3	4	10	18	28	0	0	0	12	15	27
Apr	3	1	4	58	51	109	13	13	26	74	65	139	3	1	4	68	61	129
May	2	1	3	122	86	208	18	24	42	142	111	253	2	1	3	140	102	242
Jun	13	5	18	191	142	333	35	25	60	239	172	411	15	5	20	244	176	420
Jul	11	2	13	209	171	380	22	28	50	242	201	443	12	2	14	261	202	463
Aug	8	2	10	171	159	330	24	21	45	203	182	385	10	2	12	199	189	388
Sep	9	1	10	139	123	262	31	22	53	179	146	325	12	1	13	174	136	310
Oct	9	0	9	43	41	84	7	11	18	59	52	111	9	0	9	59	45	104
Nov	3	2	5	16	24	40	7	4	11	26	30	56	4	2	6	21	28	49
Dec	0	0	0	6	4	10	0	1	1	6	5	11	0	0	0	6	5	11
TOTAL	59	14	73	968	826	1,794	160	157	317	1,187	997	2,184	68	14	82	1,191	972	2,163

In this table, *Total persons killed* and *Total persons injured* include everyone killed or injured in crashes involving motorcycles, not just motorcyclists.

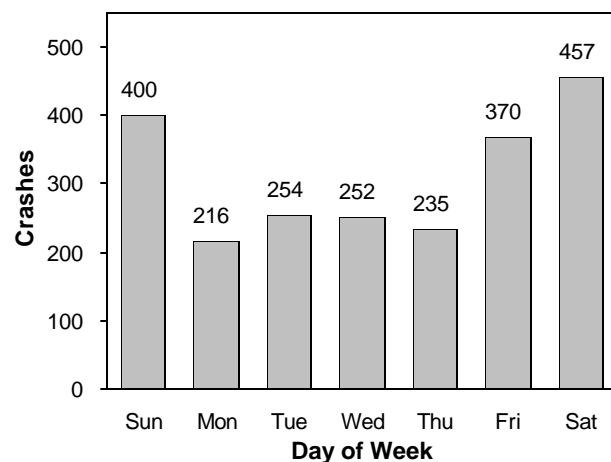
Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Motorcycle Crashes by Time of Day



Motorcycle Crashes by Day of Week



Motorcycle Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision with vehicle in transit	257	314	571	277	277	229	76	305	15	28	43	778	418	1,196
Angle	49	227	276	35	35	77	73	150	1	1	2	162	301	463
Rear end	23	84	107	31	31	55	57	112	4	15	19	113	156	269
Side swipe/same direction	9	43	52	8	8	12	18	30	1	5	6	30	66	96
Head on	1	13	14	8	8	10	3	13	0	0	0	19	16	35
Side swipe opposite direction	14	19	33	6	6	4	5	9	0	0	0	24	24	48
Rear to rear	0	0	0	0	0	1	0	1	0	0	0	1	0	1
Unknown	28	13	41	17	17	14	2	16	1	1	2	60	16	76
TOTAL	381	713	1,094	382	382	402	234	636	22	50	72	1,187	997	2,184

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Motorcycle Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	15	3	4	5	3	8	9	47
1-2 AM	18	6	3	7	2	5	15	56
2-3 AM	8	3	4	4	2	9	12	42
3-4 AM	2	1	2	1	2	0	4	12
4-5 AM	1	2	1	3	3	0	2	12
5-6 AM	2	2	1	3	1	6	2	17
6-7 AM	1	3	12	8	2	9	0	35
7-8 AM	1	7	12	7	5	10	3	45
8-9 AM	3	3	2	6	4	7	2	27
9-10 AM	11	2	4	2	4	2	4	29
10-11 AM	12	6	6	9	5	8	22	68
11-12 PM	21	7	10	3	9	12	18	80
12-1 PM	29	17	17	10	13	16	25	127
1-2 PM	38	13	5	12	14	19	34	135
2-3 PM	29	18	13	14	8	29	45	156
3-4 PM	41	19	17	17	22	32	34	182
4-5 PM	39	17	21	18	26	38	47	206
5-6 PM	29	26	29	25	20	41	31	201
6-7 PM	22	12	23	25	19	24	30	155
7-8 PM	27	14	14	19	14	27	26	141
8-9 PM	18	13	21	11	16	23	27	129
9-10 PM	10	4	17	17	17	17	22	104
10-11 PM	12	9	9	15	11	16	19	91
11-12 AM	4	7	7	8	10	8	19	63
Unknown	7	2	0	3	3	4	5	24
TOTAL	400	216	254	252	235	370	457	2,184

Vehicle Possible Contributing Circumstances (PCCs) for Motorcycles in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Motorcycles	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Tires	2	0	2	27	9	36	1	0	1	30	9	39
Brakes	0	0	0	5	5	10	1	4	5	6	9	15
Other Disabled	0	0	0	4	1	5	2	1	3	6	2	8
Steering	0	0	0	8	2	10	0	0	0	8	2	10
Suspension	0	0	0	2	1	3	0	0	0	2	1	3
Head Lamps	1	0	1	3	0	3	0	1	1	4	1	5
Tail lamps	0	0	0	0	0	0	0	0	0	0	0	0
Disabled in prior crash	0	0	0	0	0	0	1	0	1	1	0	1
Turn Signals	0	0	0	0	0	0	0	0	0	0	0	0
Stop Lamps	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	13	15	28	3	3	6	16	18	34
TOTAL	3	0	3	62	33	95	8	9	17	73	42	115

The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a motorcycle in a crash. They do not represent numbers of crashes. Of the 2,184 crashes involving at least one motorcycle, 112 (5.1%) had vehicle PCCs cited for a motorcycle in the crash. Of the 73 fatal crashes, 3 (4.1%) had motorcycle vehicle PCCs cited. Of the 1,794 injury crashes, 93 (5.2%) had motorcycle vehicle PCCs cited.

Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Motorcycle Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total
Failure to control	27	1	28	518	9	527	52	10	62	597	20	617
Failure to yield right-of-way	3	15	18	36	346	382	13	34	47	52	395	447
Inattentive driving	7	10	17	154	95	249	28	33	61	189	138	327
Driver condition	14	4	18	161	19	180	10	6	16	185	29	214
Speed too fast/conditions	13	2	15	173	6	179	20	2	22	206	10	216
Exceeding speed limit	13	0	13	133	1	134	7	0	7	153	1	154
Following too close	3	0	3	70	28	98	16	11	27	89	39	128
Improper turn	0	1	1	17	36	53	3	9	12	20	46	66
Improper overtake	3	0	3	26	11	37	3	1	4	32	12	44
Left of center	2	3	5	15	14	29	2	1	3	19	18	37
Disregarded traffic control	2	1	3	16	22	38	4	1	5	22	24	46
Unsafe backing	0	0	0	0	8	8	1	20	21	1	28	29
Physically disabled	0	1	1	1	1	2	0	0	0	1	2	3
Other	5	1	6	72	43	115	6	10	16	83	54	137
TOTAL	92	39	131	1,392	639	2,031	165	138	303	1,649	816	2,465

The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a motorcycle crash. They do not represent numbers of crashes or drivers. Of the 2,184 crashes involving at least one motorcycle, 1,130 (52%) had driver PCCs cited for a motorcycle driver in the crash. Of the 73 fatal crashes, 44 (60%) had motorcycle driver PCCs cited. Of the 1,794 injury crashes, 955 (53%) had motorcycle driver PCCs cited.

Motorcyclists Injured or Killed by Age and Injury Severity by Gender

Age	Severity of Injury by Gender												Total Injured or Killed			
	Killed			Incapacitating			Nonincapacitating			Possible						
	F	M	Total	F	M	Total	F	M	Total	F	M	Total	F	M	Unk	Total
Under 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	1	1	3	0	3	2	1	3	5	2	0	7
10-14	0	0	0	0	3	3	1	7	8	2	2	4	3	12	0	15
15	0	0	0	2	0	2	0	0	0	2	0	2	4	0	0	4
16	1	0	1	0	3	3	1	3	4	2	1	3	4	7	0	11
17	0	0	0	1	5	6	1	10	11	0	0	0	2	15	0	17
18	0	2	2	0	7	7	3	27	30	1	5	6	4	41	0	45
19	0	2	2	2	9	11	7	28	35	4	7	11	13	46	0	59
20	0	0	0	3	12	15	9	29	38	1	9	10	13	50	0	63
21	0	0	0	3	22	25	3	40	43	2	5	7	8	67	0	75
22	0	2	2	5	9	14	4	30	34	0	13	13	9	54	0	63
23	0	2	2	3	8	11	5	19	24	0	13	13	8	42	0	50
24	0	2	2	0	9	9	4	24	28	1	17	18	5	52	0	57
25-34	1	8	9	22	103	125	41	195	236	16	66	82	80	372	0	452
35-44	3	15	18	34	131	165	61	226	287	27	80	107	125	452	0	577
45-54	7	23	30	28	103	131	36	153	189	23	65	89	94	344	1	439
55-64	2	7	9	10	36	46	11	54	65	4	24	28	27	121	0	148
65-74	0	0	0	1	4	5	4	9	13	0	8	8	5	21	0	26
75-84	0	1	1	0	2	2	0	5	5	0	1	1	0	9	0	9
85 and over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	2	0	2	5	0	5	2	1	3	9	1	0	10
TOTAL	14	64	78	116	467	583	199	859	1,058	89	318	408	418	1,708	1	2,127

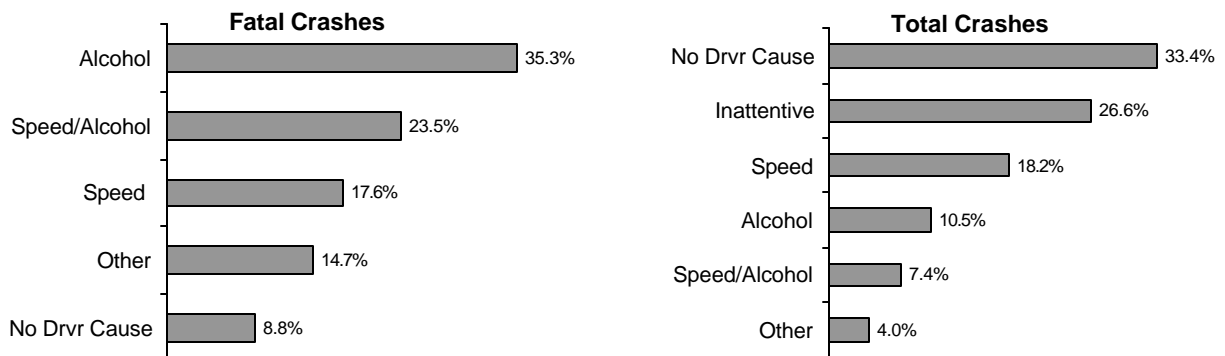
F = female

M = male

Unk = unknown

Motorcyclist includes motorcycle drivers and passengers.

Single Unit Motorcycle Crashes Primary Driver Contributing Factors



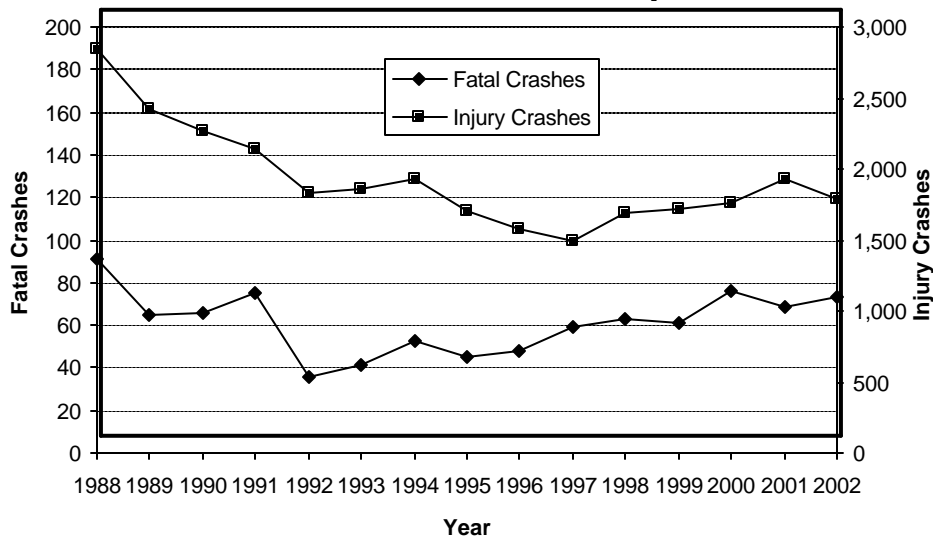
This report counts Primary Driver Possible Contributing Circumstances (PCCs) marked on the accident report form as well as citations issued by law enforcement officers. It only counts one of the PCCs or citations per crash and counts some PCCs before others. Therefore, for example, the portion of primary PCCs noted as inattentive represents only PCCs for inattention that were the sole PCC given. The numbers for this report were calculated differently than in years prior to 2001 and may not directly compare.

Motorcycle Crashes Fifteen Year Summary

Year	Registered Cycles	Motorcyclist Fatalities	Fatal Crashes	Single Unit Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	Motorcyclists Killed Without Helmet	Motorcyclists Killed Wearing Helmet
1988	177,962	93	91	44	2,852	464	3,407	70	22
1989	171,172	68	65	29	2,423	401	2,889	53	13
1990	161,515	67	66	26	2,261	386	2,713	48	16
1991	179,768	76	75	42	2,139	387	2,601	53	19
1992	150,857	40	36	23	1,825	296	2,157	34	3
1993	169,499	40	41	23	1,861	341	2,243	27	8
1994	149,756	57	53	25	1,924	320	2,297	47	7
1995	168,287	47	45	20	1,709	303	2,057	37	4
1996	148,975	50	48	24	1,580	195	1,823	37	10
1997	167,997	63	59	37	1,487	214	1,760	50	11
1998	157,230	65	63	30	1,691	235	1,989	45	14
1999	179,494	65	61	31	1,720	231	2,012	46	17
2000	175,486	78	76	35	1,760	242	2,078	57	15
2001	201,143	70	69	41	1,928	288	2,285	53	14
2002	198,495	78	73	34	1,794	317	2,184	59	15

The number of motorcyclists killed includes both drivers and passengers.

Fatal and Injury Motorcycle Crashes Fifteen Year Summary



School Bus Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

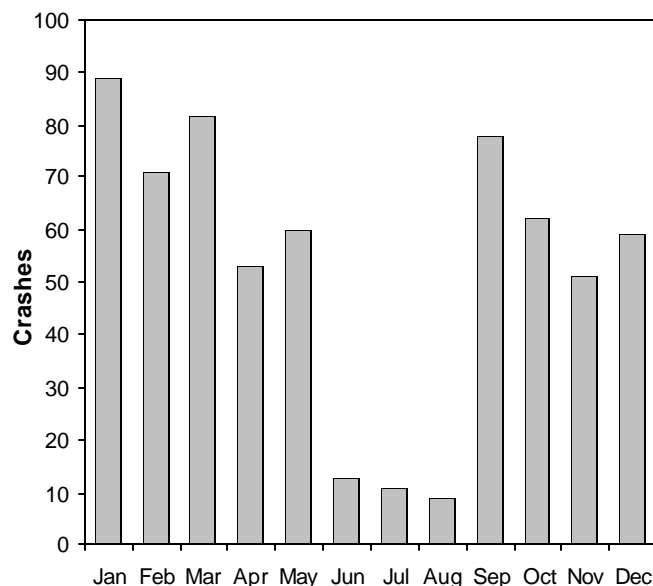
Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
January	0	0	0	14	19	33	18	38	56	32	57	89	0	0	0	21	34	55
February	0	1	1	4	14	18	14	38	52	18	53	71	0	1	1	29	20	49
March	0	1	1	9	21	30	19	32	51	28	54	82	0	1	1	17	42	59
April	0	0	0	6	7	13	11	29	40	17	36	53	0	0	0	10	11	21
May	0	0	0	7	16	23	10	27	37	17	43	60	0	0	0	14	32	46
June	0	0	0	0	5	5	3	5	8	3	10	13	0	0	0	0	16	16
July	0	0	0	0	3	3	0	8	8	0	11	11	0	0	0	0	7	7
August	0	0	0	1	2	3	2	4	6	3	6	9	0	0	0	1	2	3
September	0	0	0	8	13	21	19	38	57	27	51	78	0	0	0	17	30	47
October	0	0	0	8	11	19	18	25	43	26	36	62	0	0	0	9	27	36
November	0	0	0	3	14	17	9	25	34	12	39	51	0	0	0	3	26	29
December	1	0	1	4	13	17	17	24	41	22	37	59	1	0	1	12	20	32
TOTAL	1	2	3	64	138	202	140	293	433	205	433	638	1	2	3	133	267	400

Total Persons Killed and *Total Persons Injured* include everyone killed or injured in crashes involving school buses, not just school bus occupants.

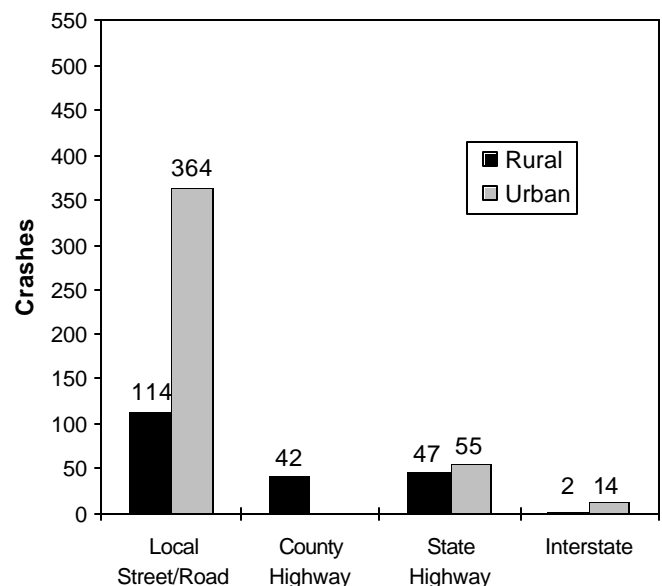
Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

School Bus Crashes by Month



School Bus Crashes by Highway Class



School Bus Occupants Killed or Injured by Age and Injury Severity by Gender

Age	Severity of Injury by Gender									Total Injured or Killed		
	Incapacitating			Nonincapacitating			Possible					
	F	M	Total	F	M	Total	F	M	Total	F	M	Total
1-3	0	0	0	0	0	0	2	0	2	2	0	2
4	0	0	0	0	0	1	0	0	0	0	0	0
5-9	0	0	0	1	0	1	12	16	28	13	16	29
10-14	0	0	0	3	3	6	30	25	55	33	28	61
15	0	0	0	0	1	1	4	3	7	4	4	8
16	0	0	0	0	0	0	6	4	10	6	4	10
17	0	0	0	4	1	5	9	2	11	13	3	16
18	0	0	0	0	1	1	1	0	1	1	1	2
19	0	0	0	0	0	0	0	1	1	0	1	1
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	2	1	1	2
22	0	0	0	0	0	0	1	1	2	1	1	2
23	0	0	0	0	0	0	1	0	1	1	0	1
24	0	0	0	1	0	1	0	0	0	1	0	1
25-34	1	0	1	1	1	2	12	5	17	14	6	20
35-44	1	0	1	2	1	3	8	2	10	11	3	14
45-54	1	0	1	2	0	2	4	4	8	7	4	11
55-64	0	0	0	1	1	2	3	2	5	4	3	7
65-74	0	1	1	0	1	1	0	1	1	0	3	3
75-84	0	0	0	0	1	1	0	0	0	0	1	1
Unknown	0	0	0	0	0	0	3	0	3	3	0	3
TOTAL	3	1	4	15	11	26	97	67	164	115	79	194

School Bus Drivers in Crashes by Age and Crash Severity

Age	Drivers in:			TOTAL
	Fatal Crashes	Injury Crashes	Prop Dmg Crashes	
Under 18	0	0	0	0
18	0	0	0	0
19	0	1	10	11
20	0	3	7	10
21	0	3	6	9
22	0	3	9	12
23	0	3	3	6
24	0	5	3	8
25-34	1	49	78	128
35-44	1	45	89	135
45-54	1	39	93	133
55-64	0	30	72	102
65-74	0	19	39	58
75-84	0	4	9	13
Unknown	0	6	16	22
TOTAL	3	210	434	647

Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in School Bus Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total
Inattentive driving	0	0	0	28	23	51	38	51	89	66	74	140
Fail to yield right of way	0	0	0	39	26	65	32	39	71	71	65	136
Failure to control	0	0	0	13	17	30	14	26	40	27	43	70
Speed too fast/conditions	0	0	0	7	20	27	8	48	56	15	68	83
Following too close	0	0	0	9	12	21	14	22	36	23	34	57
Improper turn	0	0	0	1	4	5	37	14	51	38	18	56
Disregarded traffic control	0	0	0	8	14	22	6	13	19	14	27	41
Unsafe backing	0	0	0	2	2	4	30	5	35	32	7	39
Exceed speed limit	0	0	0	1	11	12	3	1	4	4	12	16
Left of center	0	2	2	2	4	6	2	3	5	4	9	13
Improper overtake	0	0	0	1	1	2	2	7	9	3	8	11
Driver condition	0	0	0	0	2	2	0	0	0	0	2	2
Other	0	1	1	4	2	6	26	28	54	30	31	61
TOTAL	0	3	3	115	138	253	212	257	469	327	398	725

The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a school bus crash. They do not represent numbers of crashes.

Total School Bus Crashes With and Without Driver PCCs by Severity and Urban/Rural Location

School Bus Crashes with and Without Driver PCCs	Crash Severity									Total Crashes		
	Fatal Crashes			Injury Crashes			Property Damage Crashes					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
With PCCs	1	2	3	37	71	108	77	154	231	115	227	342
Without PCCs	0	0	0	27	67	94	63	139	202	90	206	296
TOTAL	1	2	3	64	138	202	140	293	433	205	433	638

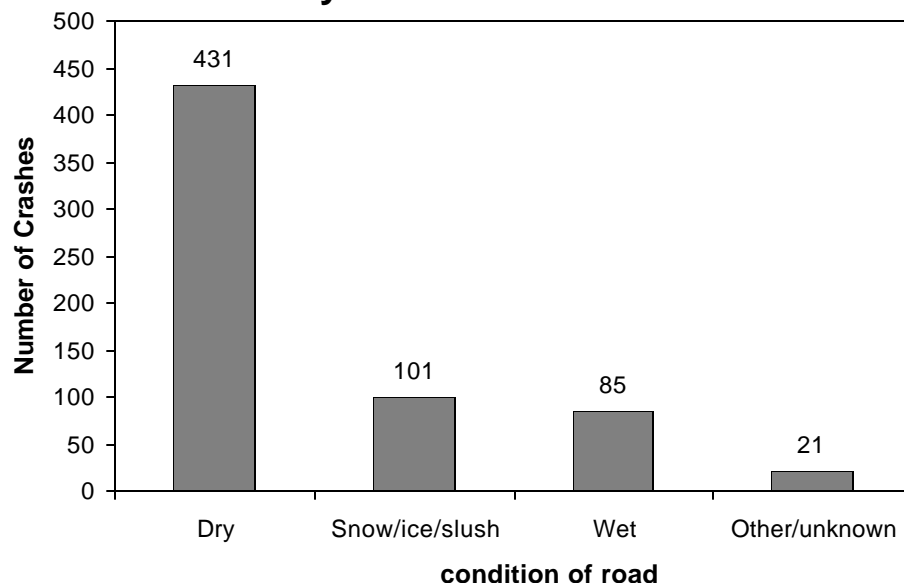
PCC = possible contributing circumstance

With and Without Driver PCCs refers to driver PCCs for the school bus drivers only.

School Bus Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	0	0	1	0	0	0	0	1
1-2 AM	0	0	0	0	0	0	0	0
2-3 AM	0	0	0	0	0	0	0	0
3-4 AM	0	0	0	0	0	0	0	0
4-5 AM	0	0	0	1	0	0	0	1
5-6 AM	0	0	0	0	1	0	0	1
6-7 AM	1	9	3	7	7	6	0	33
7-8 AM	0	35	31	32	25	21	2	146
8-9 AM	1	16	18	16	10	15	0	76
9-10 AM	0	4	4	6	4	3	0	21
10-11 AM	0	2	1	0	2	3	1	9
11-12 PM	0	4	4	4	6	2	1	21
12-1 PM	1	6	4	4	5	2	1	23
1-2 PM	0	4	1	2	1	4	0	12
2-3 PM	1	11	8	15	11	7	0	53
3-4 PM	0	27	25	24	26	23	0	125
4-5 PM	0	16	23	16	12	15	1	83
5-6 PM	1	3	3	1	3	3	0	14
6-7 PM	0	2	1	1	3	3	1	11
7-8 PM	0	1	0	0	0	2	1	4
8-9 PM	0	0	0	0	0	0	0	0
9-10 PM	0	0	0	0	0	1	0	1
10-11 PM	0	0	0	0	0	1	0	1
11-12 AM	0	0	0	0	0	0	0	0
Unknown	0	0	0	2	0	0	0	2
TOTAL	5	140	127	131	116	111	8	638

School Bus Crashes by Road Conditions

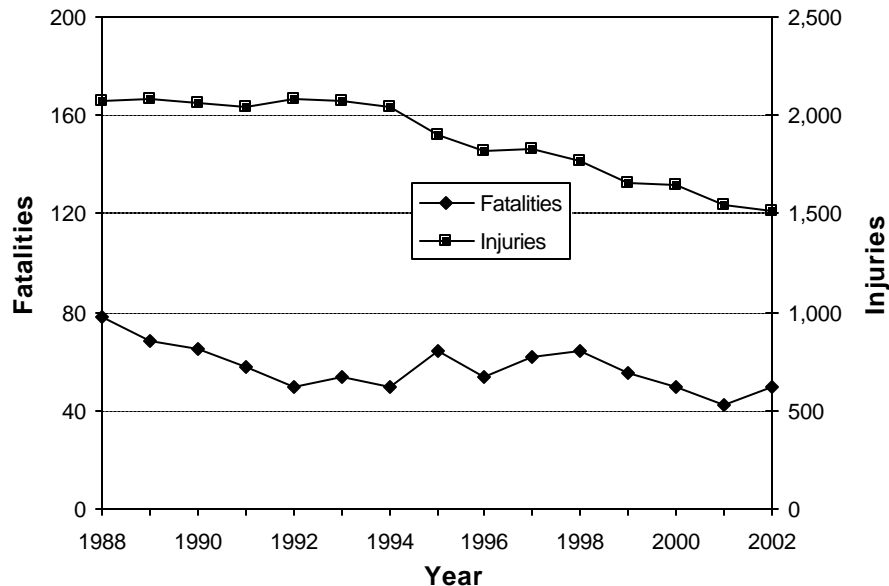


Crashes Involving Pedestrians by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
January	3	2	5	20	115	135	1	2	3	24	119	143	3	2	5	26	119	145
February	1	3	4	16	93	109	0	4	4	17	100	117	1	3	4	17	107	124
March	0	3	3	9	76	85	0	4	4	9	83	92	0	3	3	9	82	91
April	2	2	4	11	85	96	0	3	3	13	90	103	2	2	4	13	96	109
May	0	3	3	17	97	114	0	3	3	17	103	120	0	3	3	19	103	122
June	2	2	4	13	98	111	0	4	4	15	104	119	2	2	4	16	109	125
July	4	3	7	19	112	131	0	1	1	23	116	139	4	3	7	29	124	153
August	2	2	4	20	114	134	1	3	4	23	119	142	4	2	6	25	124	149
September	2	3	5	21	107	128	0	2	2	23	112	135	2	3	5	25	121	146
October	4	3	7	20	83	103	1	1	2	25	87	112	4	3	7	21	97	118
November	0	0	0	8	99	107	0	3	3	8	102	110	0	0	0	10	106	116
December	2	1	3	20	118	138	2	2	4	24	121	145	2	1	3	22	128	150
TOTAL	22	27	49	194	1,197	1,391	5	32	37	221	1,256	1,477	24	27	51	232	1,316	1,548

Rural = an unincorporated area or an incorporated area with a population under 5,000.
Urban = an incorporated area with a population of 5,000 or more.

Pedestrian Fatalities and Injuries Fifteen Year Summary



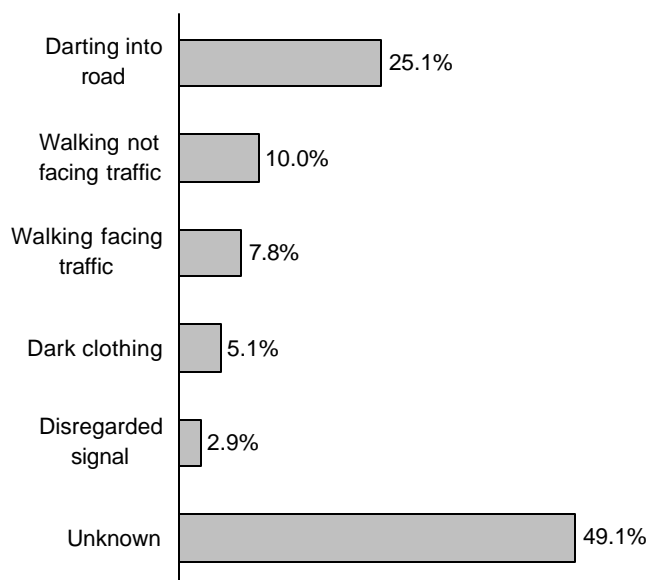
Crashes Involving Pedestrians by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transport	72	744	816	36	36	49	123	172	4	5	9	161	872	1,033
Angle	12	236	248	1	1	9	16	25	0	1	1	22	253	275
Side swipe same	2	22	24	3	3	3	5	8	1	0	1	9	27	36
Rear end	4	17	21	1	1	6	2	8	0	0	0	11	19	30
Head on	1	17	18	0	0	0	3	3	0	0	0	1	20	21
Side swipe opposite	2	5	7	0	0	0	1	1	0	0	0	2	6	8
Rear to rear	0	1	1	0	0	0	0	0	0	0	0	0	1	1
Unknown	13	54	67	2	2	0	4	4	0	0	0	15	58	73
TOTAL	106	1,096	1,202	43	43	67	154	221	5	6	11	221	1,256	1,477

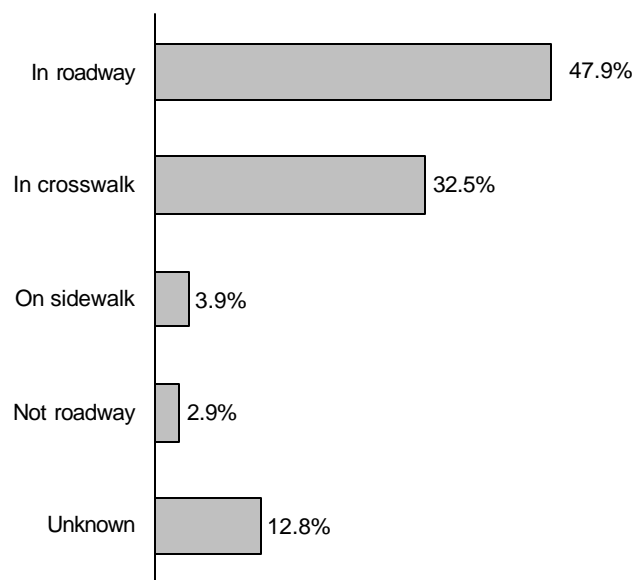
Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Pedestrian Actions in Crashes



Pedestrian Locations in Crashes



Pedestrians Involved in Crashes by Action and Location

Pedestrian Action	Pedestrian Location					TOTAL
	In roadway	In crosswalk	Not in roadway	On sidewalk	Unknown	
Darting into road	281	49	0	1	64	395
Walking not facing traffic	86	53	7	5	6	157
Walking facing traffic	45	58	4	11	4	122
Dark clothing	42	32	3	3	1	81
Disregarded signal	7	35	0	0	3	45
Unknown	293	285	31	41	123	773
TOTAL	754	512	45	61	201	1,573

Crashes Involving Pedestrians by Time of Day and Day of Week

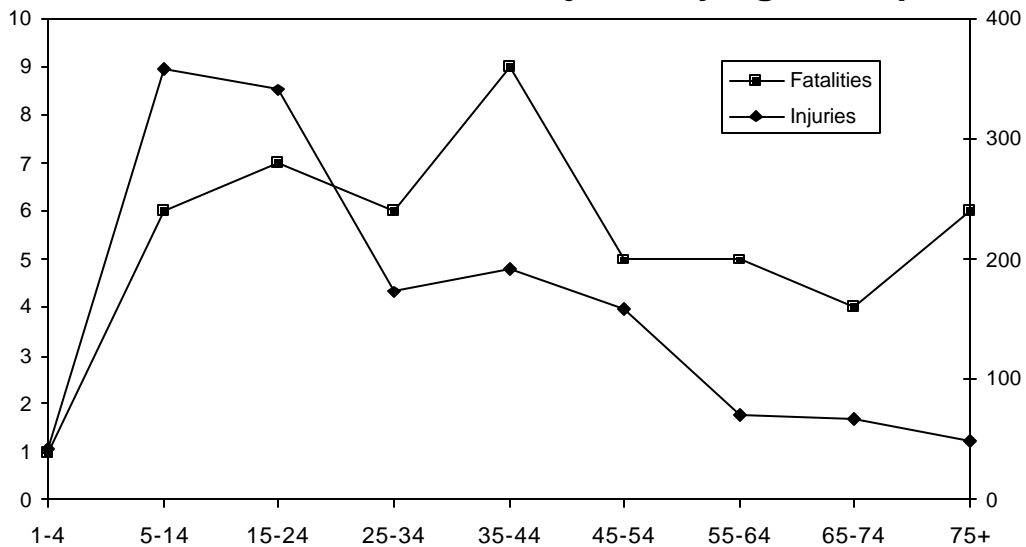
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	6	0	4	2	1	2	4	19
1-2 AM	6	1	2	3	1	7	7	27
2-3 AM	18	0	1	2	4	3	12	40
3-4 AM	3	1	1	1	2	0	1	9
4-5 AM	3	1	0	1	2	1	0	8
5-6 AM	1	0	3	1	3	0	2	10
6-7 AM	0	4	4	5	3	5	2	23
7-8 AM	0	20	18	10	18	12	0	78
8-9 AM	0	11	7	8	8	14	4	52
9-10 AM	2	5	8	10	5	11	7	48
10-11 AM	7	6	6	13	7	5	9	53
11-12 PM	3	4	9	12	12	9	11	60
12-1 PM	4	9	4	11	9	17	9	63
1-2 PM	7	10	10	8	10	9	5	59
2-3 PM	10	12	14	16	11	22	8	93
3-4 PM	8	22	26	35	31	37	10	169
4-5 PM	10	24	29	25	25	23	13	149
5-6 PM	5	24	16	23	17	19	19	123
6-7 PM	10	23	14	18	12	26	9	112
7-8 PM	6	12	11	5	10	12	12	68
8-9 PM	4	10	6	10	13	14	12	69
9-10 PM	6	7	8	3	5	7	11	47
10-11 PM	6	3	7	6	5	9	10	46
11-12 AM	4	5	4	5	5	10	5	38
Unknown	3	5	0	2	0	2	2	14
TOTAL	132	219	212	235	219	276	184	1,477

Pedestrians Injured or Killed by Age and Light Conditions

Age	Daylight			Dark/Unlit			Dark/Lighted			Dawn			Dusk			TOTAL		
	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj*	Kill	Tot*
1-2	10	1	11	0	0	0	2	0	2	0	0	0	1	0	1	13	1	14
3	10	0	10	1	0	1	0	0	0	0	0	0	2	0	2	13	0	13
4	13	0	13	0	0	0	1	0	1	0	0	0	2	0	2	16	0	16
5-9	140	3	143	2	0	2	12	0	12	0	0	0	4	0	4	160	3	163
10-14	148	1	149	5	1	6	36	1	37	3	0	3	4	0	4	197	3	200
15	33	0	33	5	0	5	8	0	8	1	0	1	2	0	2	49	0	49
16	25	0	25	0	0	0	7	0	7	1	0	1	6	0	6	39	0	39
17	15	0	15	3	0	3	13	0	13	1	1	2	1	0	1	33	1	34
18	18	0	18	4	2	6	7	1	8	0	0	0	2	0	2	31	3	34
19	17	0	17	6	0	6	19	0	19	2	0	2	1	0	1	46	0	46
20	22	1	23	5	1	6	11	0	11	0	0	0	2	0	2	40	2	42
21	13	0	13	7	0	7	14	1	15	0	0	0	0	0	0	34	1	35
22	12	0	12	1	0	1	11	0	11	0	0	0	2	0	2	26	0	26
23	6	0	6	3	0	3	14	0	14	0	0	0	1	0	1	24	0	24
24	8	0	8	5	0	5	5	0	5	0	0	0	1	0	1	19	0	19
25-34	83	0	83	17	2	19	64	3	67	4	0	4	4	1	5	172	6	178
35-44	117	4	121	9	3	12	53	2	55	1	0	1	11	0	11	191	9	200
45-54	91	2	93	9	3	12	48	0	48	3	0	3	6	0	6	159	5	164
55-64	48	1	49	5	1	6	15	3	18	0	0	0	1	0	1	71	5	76
65-74	52	3	55	3	1	4	12	0	12	0	0	0	0	0	0	67	4	71
75-84	36	3	39	1	0	1	4	0	4	0	0	0	0	0	0	41	3	44
85 & over	8	1	9	0	0	0	0	1	1	0	0	0	0	1	1	8	3	11
Unknown	9	1	10	2	0	2	1	0	1	0	0	0	0	0	0	12	1	13
TOTAL	934	21	955	93	14	107	357	12	369	16	1	17	53	2	55	1,461*	50	1,511*

The *Total* columns include two injured pedestrians for whom the light condition was unknown.

Pedestrian Fatalities and Injuries by Age Group

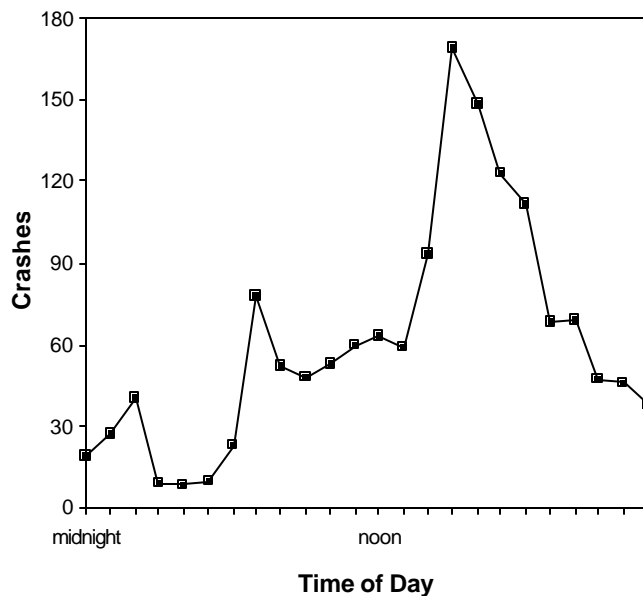


Vehicles Involved in Pedestrian Crashes by Type and Location

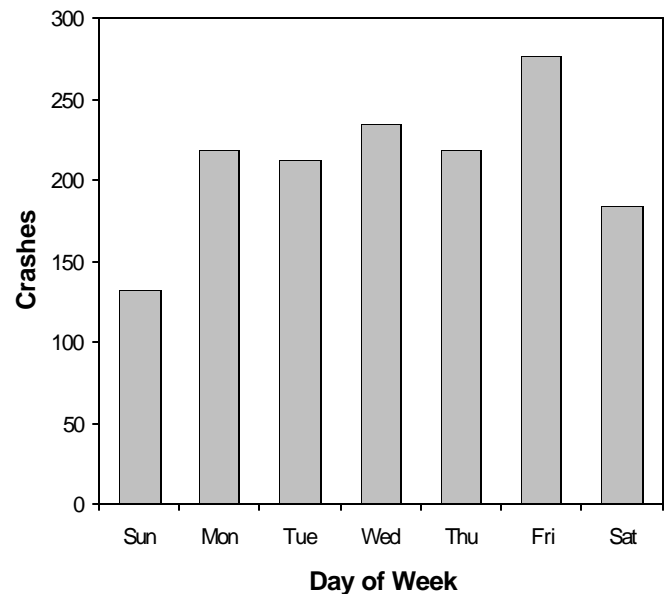
Vehicle Type	Pedestrian Location					TOTAL
	In roadway	In crosswalk	Not in roadway	On sidewalk	Unknown	
Passenger car	591	372	39	59	161	1,222
Utility truck	102	62	9	10	26	209
Straight (insert) truck	11	8	6	0	4	29
Motorcycle	5	0	5	1	2	13
Passenger bus	5	2	1	1	1	10
Truck tractor (semi attached)	5	1	1	0	1	8
Police on emergency	2	0	0	0	0	2
Moped	1	1	0	0	0	2
School bus	0	2	0	0	0	2
Pupil transport - school bus	2	0	0	0	0	2
Unknown	83	72	1	7	17	180
TOTAL	807	520	62	78	212	1,679

For multiple vehicle crashes involving pedestrians, the pedestrian is counted with each vehicle on this report. Therefore, pedestrian counts are inflated.

Pedestrian Crashes by Time of Day



Pedestrian Crashes by Day of Week



Bicycle Crashes by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	0	0	0	5	23	28	0	1	1	5	24	29	0	0	0	5	23	28
Feb	0	0	0	4	11	15	0	2	2	4	13	17	0	0	0	5	11	16
Mar	0	0	0	2	18	20	1	1	2	3	19	22	0	0	0	2	18	20
Apr	0	0	0	14	58	72	1	3	4	15	61	76	0	0	0	14	58	72
May	0	0	0	17	102	119	2	2	4	19	104	123	0	0	0	18	104	122
Jun	0	3	3	30	140	170	1	3	4	31	146	177	0	3	3	33	144	177
Jul	1	1	2	34	133	167	2	11	13	37	145	182	1	1	2	37	135	172
Aug	2	0	2	35	162	197	0	7	7	37	169	206	2	0	2	38	168	206
Sep	2	0	2	25	125	150	1	6	7	28	131	159	2	0	2	25	130	155
Oct	0	0	0	13	80	93	0	3	3	13	83	96	0	0	0	14	85	99
Nov	0	0	0	5	48	53	0	3	3	5	51	56	0	0	0	5	49	54
Dec	0	0	0	1	17	18	0	1	1	1	18	19	0	0	0	1	18	19
TOTAL	5	4	9	185	917	1,102	8	43	51	198	964	1,162	5	4	9	197	943	1,140

Total Persons Killed and *Total Persons Injured* include everyone killed or injured in crashes involving bicycles, not just bicyclists.

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Bicycle Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	3	1	2	0	0	2	1	9
1-2 AM	0	0	0	0	0	1	1	2
2-3 AM	3	0	0	0	1	1	2	7
3-4 AM	1	0	0	0	0	0	1	2
4-5 AM	0	0	0	0	0	0	0	0
5-6 AM	0	0	1	3	2	3	0	9
6-7 AM	0	1	5	3	0	3	1	13
7-8 AM	1	9	11	14	16	9	0	60
8-9 AM	0	6	10	10	5	5	4	40
9-10 AM	2	7	1	4	4	5	5	28
10-11 AM	7	5	5	11	2	8	10	48
11-12 PM	3	5	9	5	2	10	14	48
12-1 PM	7	8	12	9	17	13	14	80
1-2 PM	3	10	8	12	9	10	12	64
2-3 PM	11	15	16	14	16	6	16	94
3-4 PM	4	12	23	27	16	19	12	113
4-5 PM	19	19	20	28	26	21	11	144
5-6 PM	14	14	15	22	17	20	8	110
6-7 PM	9	12	15	21	19	14	6	96
7-8 PM	9	12	18	13	13	9	10	84
8-9 PM	2	9	8	10	7	5	3	44
9-10 PM	2	3	5	8	6	8	3	35
10-11 PM	2	2	1	2	5	3	3	18
11-12 AM	0	1	0	1	1	2	0	5
Unknown	0	1	2	2	0	3	1	9
TOTAL	102	152	187	219	184	180	138	1,162

Bicycle Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	47	445	492	14	14	20	84	104	1	1	2	82	530	612
Angle	65	307	372	10	10	14	52	66	0	0	0	89	359	448
Side swipe same	6	20	26	4	4	2	3	5	0	0	0	12	23	35
Rear end	4	16	20	1	1	1	1	2	0	0	0	6	17	23
Head on	1	10	11	0	0	1	0	1	0	0	0	2	10	12
Side swipe opposite	0	5	5	1	1	0	0	0	0	0	0	1	5	6
Unknown	6	18	24	0	0	0	2	2	0	0	0	6	20	26
TOTAL	129	821	950	30	30	38	142	180	1	1	2	198	964	1,162

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Bicyclists Injured or Killed by Age and Injury Severity by Gender

Age	Severity of Injury by Gender												Total Injured or Killed		
	Killed			Incapacitating			Nonincapacitating			Possible					
	F	M	Total	F	M	Total	F	M	Total	F	M	Total	F	M	Total
Under 4	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
4	0	0	0	0	3	3	0	2	2	0	0	0	0	5	5
5-9	4	10	14	13	59	72	16	38	54	1	1	2	34	108	142
10-14	12	29	41	51	145	196	37	93	130	1	0	1	101	267	368
15	1	4	5	9	19	28	4	14	18	0	0	0	14	37	51
16	0	5	5	4	17	21	2	9	11	0	0	0	6	31	37
17	2	4	6	5	15	20	4	9	13	0	1	1	11	29	40
18	0	1	1	4	5	9	4	8	12	0	0	0	8	14	22
19	1	2	3	3	4	7	1	4	5	0	1	1	5	11	16
20	0	3	3	5	7	12	3	5	8	0	0	0	8	15	23
21	2	2	4	4	9	13	5	3	8	0	0	0	11	14	25
22	0	0	0	4	2	6	4	7	11	0	0	0	8	9	17
23	1	1	2	1	5	6	3	3	6	0	1	1	5	10	15
24	2	1	3	3	2	5	2	6	8	0	0	0	7	9	16
25-34	2	14	16	6	43	49	7	28	35	0	0	0	15	85	100
35-44	1	16	17	7	35	42	11	31	42	0	0	0	19	82	101
45-54	3	11	14	10	24	34	1	27	28	0	2	2	14	64	78
55-64	1	7	8	4	14	18	1	11	12	1	0	1	7	32	39
65-74	0	3	3	1	4	5	0	6	6	0	0	0	1	13	14
75 & over	0	2	2	0	2	2	0	1	1	0	0	0	0	5	5
Unknown	0	0	0	0	4	4	2	3	5	0	0	0	2	7	9
TOTAL	32	115	147	134	418	552	107	309	416	3	6	9	276	848	1,124

Trailer Crashes by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	7	0	7	59	40	99	163	146	309	229	186	415	8	0	8	95	58	153
Feb	1	0	1	62	28	90	127	96	223	190	124	314	2	0	2	95	37	132
Mar	4	1	5	82	25	107	197	154	351	283	180	463	5	1	6	135	42	177
Apr	2	1	3	59	48	107	143	143	286	204	192	396	2	1	3	75	64	139
May	5	1	6	75	50	125	184	154	338	264	205	469	7	1	8	115	72	187
Jun	4	3	7	86	55	141	203	203	406	293	261	554	4	5	9	147	78	225
Jul	11	1	12	103	55	158	208	165	373	322	221	543	12	1	13	175	73	248
Aug	6	1	7	79	62	141	199	176	375	284	239	523	7	1	8	138	83	221
Sep	2	0	2	66	53	119	171	143	314	239	196	435	2	0	2	108	82	190
Oct	4	0	4	78	48	126	169	150	319	251	198	449	13	0	13	145	61	206
Nov	9	1	10	77	43	120	149	150	299	235	194	429	10	1	11	106	58	164
Dec	8	1	9	56	36	92	142	130	272	206	167	373	10	1	11	87	56	143
TOTAL	63	10	73	882	543	1,425	2,055	1,810	3,865	3,000	2,363	5,363	82	12	94	1,421	764	2,185

Rural = an unincorporated area or an incorporated area with a population under 5,000.

Urban = an incorporated area with a population of 5,000 or more.

Vehicle Possible Contributing Circumstances (PCCs) for All Vehicles in Crashes by Crash Severity and Urban/Rural Location

Vehicle PCCs	Fatal			Injury			Property Damage			TOTAL		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	2	1	3	221	354	575	370	564	934	593	919	1,512
Tires	12	2	14	317	130	447	542	269	811	871	401	1,272
Steering	1	0	1	55	48	103	89	112	201	145	160	305
Turn signals	1	0	1	23	12	35	78	32	110	102	44	146
Other disabled	0	0	0	19	32	51	43	46	89	62	78	140
Head lamps	1	0	1	18	17	35	12	43	55	31	60	91
Tail lamps	0	0	0	19	5	24	41	8	49	60	13	73
Mirrors	0	0	0	5	3	8	19	28	47	24	31	55
Stop lamps	0	0	0	14	7	21	31	10	41	45	17	62
Disabled in prior crash	1	0	1	23	12	35	18	26	44	42	38	80
Suspension	0	0	0	15	9	24	28	19	47	43	28	71
Other	54	2	56	197	223	420	801	804	1,605	1,052	1,029	2,081
TOTAL	72	5	77	926	852	1,778	2,072	1,961	4,033	3,070	2,818	5,888

The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a vehicle in a crash. These numbers do not represent numbers of crashes. Of the 129,072 total crashes, 5,463 (4.2%) had vehicle PCCs cited for at least one vehicle in the crash. Of the 723 fatal crashes, 27 (3.7%) had vehicle PCCs cited. Of the 39,634 injury crashes, 1,644 (4.1%) had vehicle PCCs cited.